

OK TO ENTER: /A.P./

01/11/2012

In the Claims:

1. – 25. (canceled)

26. (currently amended) An installation for the treatment of ballast water, said installation comprising

a treatment component having an internal passage through which ballast water may flow and electrodes connected to an electric current source, characterised in that said treatment component comprises a bundle of pipes of electrically insulating material allowing for ballast water flow therethrough in parallel, and in that each said pipe is provided with said electrodes whereby ballast water flowing therethrough may be subjected to an electric current thereby to destroy live organisms therein; and

a coat disposed about and encasing said bundle of pipes, said coat comprising coat parts movable about a hinge between open and closed positions.

27. – 31. (canceled)

32. (currently amended) An installation as claimed in claim 26 34 further comprising an electrical plug and socket mounted on said coat part and said bundle of pipes and wherein movement of a said coat part to an open position causes the electrical connection between said plug and socket to be broken.

33. (previously presented) An installation as claimed in claim 26 wherein said source is an alternating current source.

34. (previously presented) An installation as claimed in claim 33 wherein said source is a one-phase, three-phase or zero point alternating current source.

35. (previously presented) An installation as claimed in claim 34 wherein said source is a three-phase alternating current source.
36. (previously presented) An installation as claimed in claim 26 wherein in each pipe of said bundle of pipes the said electrodes are arranged in a triangular pattern in a plane crossing the ballast water flow direction.
37. (previously presented) An installation as claimed in claim 26 further comprising a pump for pumping ballast water through said component.
38. (currently amended) An installation as claimed in claim 26 wherein said source and electrodes are arranged to supply current to ballast water flowing through said bundle of pipes at a level of (25 to 40)/90 Amps per litre flowing through said component per second.
39. (previously presented) An installation as claimed in claim 26 wherein said component further comprises inlet and outlet pipes and wherein ballast water may flow sequentially through said inlet pipe, said bundle of pipes, and said outlet pipe.
40. (previously presented) An installation as claimed in claim 39 wherein the internal cross-sectional area of said inlet pipe is about the same as the combined internal cross-sectional areas of said pipes in said bundle.
41. (previously presented) An installation as claimed in claim 39 wherein the internal cross-sectional area of said inlet pipe is less than the combined internal cross-sectional areas of said pipes in said bundle.
42. (previously presented) A ballast water treatment unit for a ballast water treatment installation, said unit comprising an internal passage through which ballast water

may flow and electrodes, characterised in that said unit is mountable in and dismountable from said installation, in that said unit comprises a bundle of pipes of electrically insulating material allowing for ballast water flow therethrough in parallel, and in that each said pipe is provided with said electrodes whereby ballast water flowing therethrough may be subjected to an electric current thereby to destroy live organisms therein and further comprising a coat disposed about and encasing said bundle of pipes, said coat comprising coat parts movable about a hinge between open and closed positions.

43. (Previously presented) A unit as claimed in claim 42 further comprising ballast water inlet and outlet pipes, wherein the internal cross-sectional area of said inlet pipe is about the same as the combined internal cross-sectional areas of the pipes of said bundle of pipes.

44. (Previously presented) A unit as claimed in claim 42 further comprising ballast water inlet and outlet pipes, wherein the internal cross-sectional area of said inlet pipe is less than the combined internal cross-sectional areas of the pipes of said bundle of pipes.

45. – 47. (canceled)

48. (currently amended) A unit as claimed in claim 42 47 further comprising an electrical plug and socket mounted on said coat part and said bundle of pipes whereby movement of a said coat part to an open position causes the electrical connection between said plug and socket to be broken.

49. (currently amended) A unit as claimed in claim 42 ~~any one of claims 42 to 44~~

wherein in each pipe of said bundle of pipes the said electrodes are arranged in a triangular pattern in a plane crossing the ballast water flow direction.

50. -62. (canceled)